Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

EMB

"FIRST AND FINAL BILL"

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 10-03-2021

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications. KPWD S.R 2018-19.	It No.		19.10	Pg No.		130		
	New CC Drain								
	Kaveri layout								
	1st main Road								
	LHS								
	Ch.0.00 to 23.9m		1	23.90	1.10	1.00	26.29		
	Ch.23.90 to 26.4m		1	2.50	1.10	1.00	2.75		
	Ch.26.4 to 27.6m		1	1.20	1.10	1.00	1.32		
	Ch.27.6 to 31.2m		1	3.60	1.10	1.00	3.96		
	Ch.31.2 to 38m		1	6.80	1.10	1.00	7.48		
	Ch.38 to 41.1m		1	3.10	1.10	1.00	3.41		
	Ch.41.1 to 50.9m		1	9.80	1.10	1.00	10.78		
	Ch.50.9 to 60.8m		1	9.90	1.10	1.00	10.89		
	Ch.60.8 to 62.3		1	1.50	1.10	1.00	1.65		
	Ch.62.3 to 67.1m		1	4.80	1.10	1.00	5.28		
	Ch.67.1 to 84.8m		1	17.70	1.10	1.00	19.47		
	Ch.84.8 to 89.1m		1	4.30	1.10	1.00	4.73		
	Ch.89.1 to 95.4m		1	6.30	1.10	1.00	6.93		
	Ch.95.4 to 99.6m		1	4.20	1.10	1.00	4.62		
	Ch.99.6 to 129.6m		1	30.00	1.10	1.00	33.00		
	Ch.129.6 to 140.8m		1	11.20	1.10	1.00	12.32		
	Ch.140.8 to 151.8m		1	11.00	1.10	1.00	12.10		
	Ch.151.8 to 176.9m		1	25.10	1.10	1.00	27.61		
	Ch.176.9 to 187.1m		1	10.20	1.10	1.00	11.22		
	Ch.187.1 to 210.7m		1	23.60	1.10	1.00	25.96		
	Road Gap								
	Ch.210.7 to 235m		1	24.30	1.10	1.00	26.73		
	Road Gap								
	Ch.235 to 259.9m		1	24.90	1.10	1.00	27.39		
	Road Gap								
	Ch.259.9 to 271.1m		1	11.20	1.10	1.00	12.32		
	Ch.271.1 to 285.4m		1	14.30	1.10	1.00	15.73		
	Road Gap								
	Ch.285.4 to 297.6m		1	12.20	1.10	1.00	13.42		
	RHS								
	Ch.0 to 13.8m		1	13.80	1.10	1.00	15.18		
	Road Gap								
	Ch.13.8 to 38.3m		1	24.50	1.10	1.00	26.95		

ಯಲಹಂಕ ಉಪವಿಭಾಗದ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿಯ ಉಪಯೋಗಕ್ಕಾಗಿ ಮಾತ್ರವಿರುತ್ತದೆ. ಕ.ಪ್ರ.ಅ.ಪ. ಬೆಂಗಳೂರು-10

Karnataka Material Test Lab Pvt. Ltd. Bangalore

	Ch.189.5 to 213.7m		1	24.20	1.10	1.00	26.62		
	Ch.213.7 to 224.3m		1	10.60	1.10	1.00	11.66		
	Ch.224.3 to 230.9m		1	6.60	1.10	1.00	7.26		
	Ch.230.9 to 233.9m		1	3.00	1.10	1.00	3.30		
	Ch.233.9 to 242.5m		1	8.60	1.10	1.00	9.46		
	Road Gap								
	Ch.242.5 to 251.9m		1	9.40	1.10	1.00	10.34		
	Ch.251.9 to 256.0m		1	4.10	1.10	1.00	4.51		
	Ch.256.0 to 259.7m		1	3.70	1.10	1.00	4.07		
	Ch.259.7 to 266.6m		1	6.90	1.10	1.00	7.59		
	Ch.266.6 to 275.9m		1	9.30	1.10	1.00	10.23		
	Ch.275.9 to 278.4m		1	2.50	1.10	1.00	2.75		
	Ch.278.4 to 284.2m		1	5.80	1.10	1.00	6.38		
	Ch.284.2 to 307.2m		1	23.00	1.10	1.00	25.30		
	Ch.307.2 to 315.9m		1	8.70	1.10	1.00	9.57		
	Ch.315.9 to 324.0m		1	8.10	1.10	1.00	8.91		
	Culverts								
	Srigandha Layout								
	3rd Cross		1	5.70	1.50	0.90	7.70		
	1st 'A' Cross Road		1	7.00	1.50	0.90	9.45		
	Rallis Colony								
	5th Cross		1	6.50	1.50	0.90			
	Escorts Layout								
	1st Cross Road		1	5.50	1.50	0.90	7.43		
	2nd Cross Road		1	5.60	1.50	0.90	7.56		
	3rd Cross Road		1	5.50	1.50	0.90	7.43		
	Muneshawara Layout								
	11th Cross Road		1	3.00	1.50	1.50	6.75		
	11th Cross Road		1	5.50	1.50	0.90	7.43		
	6th 'A' Cross Road		1	6.80	1.50	1.00	10.20		
	6th 'B' Cross Road		1	5.00	1.50	0.90	6.75		
	4th Phase 1st Cross CHS 707		1	4.40	1.20	0.90	4.75		
						Total Quantity	**6025.88**	**225.94**	**1361486.65**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Measurement Recorded on : 17-03-2021

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing of Geonets for rain water harvesting pit on top of the filter media as specified indrawings or as approved by engineer incharge									
	Kaveri Layout			Area						
			6	0.31			1.86			
	Muneshawara Layout			Area						
			4	0.31			1.24			
	4th Phase			Area						
			4	0.31			1.24			
	Rallis Layout			Area						
			3	0.31			0.93			
	Srigandha Layout			Area						
			4	0.31			1.24			
						Total Quantity	6.51	Sqm	74.55	485.32

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 03-04-2021

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
	Detailed Measurements								
9	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including cost of materials, labour, HOM completed as per specifications. KPWD S.R 2018-19. It No. 34.1 Pg No. 254								
	New CC Drain								
	Kaveri layout								
	1st main Road								
	LHS								
	Ch.0.00 to 23.9m		1	23.90	1.10	0.15	3.94		
	Ch.23.90 to 26.4m		1	2.50	1.10	0.15	0.41		
	Ch.26.4 to 27.6m		1	1.20	1.10	0.15	0.20		
	Ch.27.6 to 31.2m		1	3.60	1.10	0.15	0.59		
	Ch.31.2 to 38m		1	6.80	1.10	0.15	1.12		
	Ch.38 to 41.1m		1	3.10	1.10	0.15	0.51		
	Ch.41.1 to 50.9m		1	9.80	1.10	0.15	1.62		
	Ch.50.9 to 60.8m		1	9.90	1.10	0.15	1.63		
	Ch.60.8 to 62.3		1	1.50	1.10	0.15	0.25		
	Ch.62.3 to 67.1m		1	4.80	1.10	0.15	0.79		
	Ch.67.1 to 84.8m		1	17.70	1.10	0.15	2.92		
	Ch.84.8 to 89.1m		1	4.30	1.10	0.15	0.71		
	Ch.89.1 to 95.4m		1	6.30	1.10	0.15	1.04		
	Ch.95.4 to 99.6m		1	4.20	1.10	0.15	0.69		
	Ch.99.6 to 129.6m		1	30.00	1.10	0.15	4.95		
	Ch.129.6 to 140.8m		1	11.20	1.10	0.15	1.85		
	Ch.140.8 to 151.8m		1	11.00	1.10	0.15	1.82		
	Ch.151.8 to 176.9m		1	25.10	1.10	0.15	4.14		
	Ch.176.9 to 187.1m		1	10.20	1.10	0.15	1.68		
	Ch.187.1 to 210.7m		1	23.60	1.10	0.15	3.89		
	Road Gap								
	Ch.210.7 to 235m		1	24.30	1.10	0.15	4.01		
	Road Gap								
	Ch.235 to 259.9m		1	24.90	1.10	0.15	4.11		
	Road Gap								
	Ch.259.9 to 271.1m		1	11.20	1.10	0.15	1.85		
	Ch.271.1 to 285.4m		1	14.30	1.10	0.15	2.36		
	Road Gap								
	Ch.285.4 to 297.6m		1	12.20	1.10	0.15	2.01		
	RHS								
	Ch.0 to 13.8m		1	13.80	1.10	0.15	2.28		
	Road Gap								
	Ch.13.8 to 38.3m		1	24.50	1.10	0.15	4.04		
	Road Gap								

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರವರ ಉಪವಿಭಾಗ. ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬೆಂಗಳೂರು-10

	Ch.50.9 to 59.9m		1	9.00	0.20	0.10	0.18		
	Ch.59.9 to 78.9m		1	19.00	0.20	0.10	0.38		
	Ch.78.9 to 95.1m		1	16.20	0.20	0.10	0.32		
	7th 'A' Main Road								
	RHS From Main Road								
	Ch.0.00 to 30.0m		1	30.00	0.20	0.10	0.60		
	Ch.30.0 to 51.5m		1	21.50	0.20	0.10	0.43		
	Ch.51.5 to 60.9m		1	9.40	0.20	0.10	0.19		
	Ch.60.9 to 80.1m		1	19.20	0.20	0.10	0.38		
	Ch.80.1 to 85.8m		1	5.70	0.20	0.10	0.11		
	Ch.85.8 to 115.8m		1	30.00	0.20	0.10	0.60		
	Ch.115.8 to 122.4m		1	6.60	0.20	0.10	0.13		
	LHS								
	Ch.0.00 to 11.6m		1	11.60	0.20	0.10	0.23		
	Ch.11.6 to 39.4m		1	27.80	0.20	0.10	0.56		
	Ch.39.4 to 48.7m		1	9.30	0.20	0.10	0.19		
	Ch.48.7 to 57.5m		1	8.80	0.20	0.10	0.18		
	Ch.57.5 to 67.1m		1	9.60	0.20	0.10	0.19		
	Ch.67.1 to 84.9m		1	17.80	0.20	0.10	0.36		
	Ch.84.9 to 97.7m		1	12.80	0.20	0.10	0.26		
	Muneshawara Layout								
	1st Main Road								
	LHS From Main Road								
	Ch.0.00 to 30.0m		1	30.00	0.20	0.10	0.60		
	Ch.30.0 to 60.0m		1	30.00	0.20	0.10	0.60		
	Ch.60.0 to 69.1m		1	9.10	0.20	0.10	0.18		
	Ch.69.1 to 92.1m		1	23.00	0.20	0.10	0.46		
	Ch.92.1 to 101.1m		1	9.00	0.20	0.10	0.18		
	Ch.101.1 to 106.0m		1	4.90	0.20	0.10	0.10		
	Ch.106.0 to 127.6m		1	21.60	0.20	0.10	0.43		
	Ch.127.6 to 133.1m		1	5.50	0.20	0.10	0.11		
	Ch.133.1 to 137.0m		1	3.90	0.20	0.10	0.08		
	Ch.137.0 to 151.4m		1	14.40	0.20	0.10	0.29		
	Ch.151.4 to 173.7m		1	22.30	0.20	0.10	0.45		
	Road Gap		1	0.00	0.20	0.10	0.00		
	Ch.173.7 to 192.7m		1	19.00	0.20	0.10	0.38		
	Ch.192.7 to 219.8m		1	27.10	0.20	0.10	0.54		
	Ch.219.8 to 228.6m		1	8.80	0.20	0.10	0.18		
	Ch.228.6 to 239.1m		1	10.50	0.20	0.10	0.21		
	Road Gap		1	0.00	0.20	0.10	0.00		
	Ch.239.1 to 260.1m		1	21.00	0.20	0.10	0.42		
	Ch.260.1 to 290.1m		1	30.00	0.20	0.10	0.60		
	Ch.290.1 to 298.9m		1	8.80	0.20	0.10	0.18		
	Ch.298.9 to 308.2m		1	9.30	0.20	0.10	0.19		
	Ch.308.2 to 327.2m		1	19.00	0.20	0.10	0.38		
	Ch.327.2 to 329.2m		1	2.00	0.20	0.10	0.04		
						Present Qty	**910.66**	**5690.28**	**5181907.54**

Contractor

Assistant Engineer

Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 30-04-2021

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements									
10	Providing and laying plain/reinforced cement concrete for side drains walls and bottom raft thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates 0.43 cum machinacally mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinary, curing, etc., completed as per MORTH specifications No. 1500, 1700, 2200. KPWD S.R 2018-19 It No. 37.59.2. Pg No. 271									
	New CC Drain									
	Raft									
	Kaveri layout									
	1st main Road									
	LHS									
	Ch.0.00 to 23.9m		1	23.90	1.10	0.15	3.94			
	Ch.23.90 to 26.4m		1	2.50	1.10	0.15	0.41			
	Ch.26.4 to 27.6m		1	1.20	1.10	0.15	0.20			
	Ch.27.6 to 31.2m		1	3.60	1.10	0.15	0.59			
	Ch.31.2 to 38m		1	6.80	1.10	0.15	1.12			
	Ch.38 to 41.1m		1	3.10	1.10	0.15	0.51			
	Ch.41.1 to 50.9m		1	9.80	1.10	0.15	1.62			
	Ch.50.9 to 60.8m		1	9.90	1.10	0.15	1.63			
	Ch.60.8 to 62.3		1	1.50	1.10	0.15	0.25			
	Ch.62.3 to 67.1m		1	4.80	1.10	0.15	0.79			
	Ch.67.1 to 84.8m		1	17.70	1.10	0.15	2.92			
	Ch.84.8 to 89.1m		1	4.30	1.10	0.15	0.71			
	Ch.89.1 to 95.4m		1	6.30	1.10	0.15	1.04			
	Ch.95.4 to 99.6m		1	4.20	1.10	0.15	0.69			
	Ch.99.6 to 129.6m		1	30.00	1.10	0.15	4.95			
	Ch.129.6 to 140.8m		1	11.20	1.10	0.15	1.85			
	Ch.140.8 to 151.8m		1	11.00	1.10	0.15	1.82			
	Ch.151.8 to 176.9m		1	25.10	1.10	0.15	4.14			
	Ch.176.9 to 187.1m		1	10.20	1.10	0.15	1.68			
	Ch.187.1 to 210.7m		1	23.60	1.10	0.15	3.89			
	Road Gap									
	Ch.210.7 to 235m		1	24.30	1.10	0.15	4.01			
	Road Gap									
	Ch.235 to 259.9m		1	24.90	1.10	0.15	4.11			
	Road Gap									
	Ch.259.9 to 271.1m		1	11.20	1.10	0.15	1.85			
	Ch.271.1 to 285.4m		1	14.30	1.10	0.15	2.36			
	Road Gap									
	Ch.285.4 to 297.6m		1	12.20	1.10	0.15	2.01			
	RHS									
	Ch.0 to 13.8m		1	13.80	1.10	0.15	2.28			
	Road Gap									
	Ch.13.8 to 38.3m		1	24.50	1.10	0.15	4.04			
	Road Gap									
	Ch.38.3 to 63.7m		1	25.40	1.10	0.15	4.19			
	Road Gap									
	Ch.63.7 to 89.7m		1	26.00	1.10	0.15	4.29			
	Road Gap									
	Ch.89.7 to 119.7m		1	30.00	1.10	0.15	4.95			

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಕಾರ್ಯ-ಶಿಕ್ಷಣಾಧಿಕಾರಿ
ಎಬಿಬಂಡ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ
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	Ch.315.9 to 324.0m		2	8.10	0.15	0.60	1.46		
	Culverts								
	Srigandha Layout								
	3rd Cross		2	5.70	0.23	0.60	1.57		
	1st 'A' Cross Road		2	7.00	0.23	0.60	1.93		
	Rallis Colony								
	5th Cross		2	6.50	0.23	0.60	1.79		
	Escorts Layout								
	1st Cross Road		2	5.50	0.23	0.60	1.52		
	2nd Cross Road		2	5.60	0.23	0.60	1.55		
	3rd Cross Road		2	5.50	0.23	0.60	1.52		
	Muneshawara Layout								
	11th Cross Road		2	3.00	0.23	1.20	1.66		
	11th Cross Road		2	5.50	0.23	0.60	1.52		
	6th 'A' Cross Road		2	6.80	0.23	0.60	1.88		
	6th 'B' Cross Road		2	5.00	0.23	0.60	1.38		
	4th Phase 1st Cross CHS 707		2	4.40	0.23	0.60	1.21		
						Present Qty	**1795.16**	**Cum**	**7420.17**	**13320417.61**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

MEASURMENT SHEETS

"FIRST AND FINAL BILL"

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurment 30-04-2021

Item No	Detailed Measurments Discription of Item		Unit	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications. KPWD S.R 2018-19. It No. 19.10 Pg No. 130				
	Present Qty	**6025.88**	**Cum**	**225.94**	**1361486.65**
2	Filling in Foundation with Granite/trap broken metal 100mm and down size, with approved sand including hand picking, ramming, watering, including cost of al material and labour with leads up to 50m and lift 1.5m complete as per specification. Data Rate.				
	Total Quantity 2	**2.60**	**Cum**	**1901.00**	**4942.60**
	Total Quantity 3	**2.60**	**Cum**	**1901.00**	**4942.60**
	Total Quantity 4	**1.95**	**Cum**	**2651.00**	**5169.45**
	Total Quantity 5	**1.30**	**Cum**	**2651.00**	**3446.30**
	Total Quantity 6	**1.95**	**Cum**	**1901.00**	**3706.95**
8	Providing of Geonets for rain water harvesting pit on top of the filter media as specified indrawings or as approved by engineer incharge				
	Present Qty	**6.51**	**Sqm**	**74.55**	**485.32**
9	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including cost of materials, labour, HOM completed as per specifications. KPWD S.R 2019-19. It No. 34.1 Pg No. 254				
	Present Qty	**910.66**	**Cum**	**5690.28**	**5181907.54**
10	Providing and laying plain/reinforced cement concrete for side drains walls and bottom raft thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates 0.43 cum machinacally mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinary, curing, etc., completed as per MORTH specifications No. 1500, 1700, 2200. KPWD S.R 2018-19 It No. 37.59.2. Pg No. 271				
	Present Qty	**1795.16**	**Cum**	**7420.17**	**13320417.61**
11	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. KPWD S.R 2018-19. It No. 34.1 Pg No. 254				
	Present Qty	**109.73**	**Cum**	**77654.86**	**8521418.64**

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16	KSRRB300-14. Excavation for roads in all types of soil by mechanical means including cutting and loadind to tippers, trimming bottom and side slopes in accordance with requirements of lines, grade and cross sections, and transportation with lead of 1.00 Km and complete as per specifications MORTH specification No.30 loading and unloading with 8Km lead=(i No-199.14,p No-143,KPWD SR 2018-19				
	Present Qty	**1688.89**	**Sqm**	**67.11**	**113341.56**
17	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm-100mm thick by along with20mm premix carpet/ surface dresseing and stackling of old servicable materials including cost of all labours charge, HOM complete as per specifications (P.No-146,I No.52)				
	Present Qty	**11305.21**	**Sqm**	**43.39**	**490533.06**
18	KSRRB 300-58. Compacting original Groung with maximum of 6 Passes of 8-10 tonnes power roller including filling in depression occuring during rolling including cost of all labours, HOM of machinary complete as per specifications. MORTH / Chapter 3 (I No-19.64, P No-147)				
	Present Qty	**1152.00**	**Sqm**	**6.67**	**7683.84**
19	Constructionof Granular sub-base Grading-V sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ Trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications clause 401 of morth V revision.				
	Present Qty	**2119.81**	**Cum**	**2093.67**	**4438174.23**
20	KSRRB M400-17. Providing ,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix Macadam specifications including pre mixing materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications				
	Present Qty	**4516.77**	**Cum**	**2100.34**	**9486760.05**
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work. KPWD S.R 2018-19 It No. 21.6 Pg No. 158				
	Present Qty	**19613.52**	**Sqm**	**31.15**	**610961.15**

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22	KSRRB500-2. Cleaning the existing block topped surface with brooms , soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour,HOM complete as per specifications, Clause 501 MORTH V revision KPWD S.R 2018-19 It No. 21.20 Pg No. 158	Sqm		
	Present Qty	**10464.60**	**Sqm**	**5.56**	**58183.18**
23	KSRRB M500-10. Providing and applying tack coat using 80/100 grade bitumin(VGIO) in boiler fitted with the spray set distributor at the rate of 0.25KG/Sqm on the existing prepared bituminous (prime surface) clean with the mechanical broom, complete as per specifications. CLAUSE 503 of MORTH V revision. KPWD S.R 2018-19 It No. 21.7 Pg No. 158	sqm		
	Present Qty	**30125.40**	**Sqm**	**13.35**	**402174.09**
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-ll (50mm to 75mm) with 4.5 % VG-30 Bitumen.				
	Present Qty	**1114.15**	**Cum**	**6724.88**	**7492521.69**
28	KSRRB M200/24 Dismantelling of cement concrete pavement by mechanical means using pneumatic tools breaking into pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantelled materials stacking servicable and unservicable materials saparately complete as per specifications.				
	Present Qty	**1970.01**	**Cum**	**1021.60**	**2012566.51**
29	Providing and Constructing dry lean cement concrete mix CC1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregates at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregatesconforming to IS: 383-2016, aggregates gradation after blending to be as per table 600-1 optimum moisture content to be determined during trial length construction concrete strength not to be less tham 10Mpa at 7 days mixed in a batch mixer plant transportated to site, laid with a paver, compacting with 8-10 tonnes vibratory roller				
	Present Qty	**1226.46**	**Cum**	**3988.20**	**4891367.77**

Contractor PMC Assistant Engineer

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Asst. Executive Engineer
ಪಿ.ಪಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Measurement : 10-06-2021

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements									
12	Supplying and Fixing precast reinforced concrete slab 100mm thick of mix M20 using 20mm and down size graded granite metal using reinforced 10mm dia steel at 150mm C/C both ways cost of transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.									
	Cover Slabs									
	Kaveri layout									
	1st main Road									
	LHS									
	Ch.0.00 to 23.9m		1	23.90	0.90		21.51			
	Ch.23.90 to 26.4m		1	2.50	0.90		2.25			
	Ch.26.4 to 27.6m		1	1.20	0.90		1.08			
	Ch.27.6 to 31.2m		1	3.60	0.90		3.24			
	Ch.31.2 to 38m		1	6.80	0.90		6.12			
	Ch.38 to 41.1m		1	3.10	0.90		2.79			
	Ch.41.1 to 50.9m		1	9.80	0.90		8.82			
	Ch.50.9 to 60.8m		1	9.90	0.90		8.91			
	Ch.60.8 to 62.3		1	1.50	0.90		1.35			
	Ch.62.3 to 67.1m		1	4.80	0.90		4.32			
	Ch.67.1 to 84.8m		1	17.70	0.90		15.93			
	Ch.84.8 to 89.1m		1	4.30	0.90		3.87			
	Ch.89.1 to 95.4m		1	6.30	0.90		5.67			
	Ch.95.4 to 99.6m		1	4.20	0.90		3.78			
	Ch.99.6 to 129.6m		1	30.00	0.90		27.00			
	Ch.129.6 to 140.8m		1	11.20	0.90		10.08			
	Ch.140.8 to 151.8m		1	11.00	0.90		9.90			
	Ch.151.8 to 176.9m		1	25.10	0.90		22.59			
	Ch.176.9 to 187.1m		1	10.20	0.90		9.18			
	Ch.187.1 to 210.7m			23.60	0.90		21.24			
	Road Gap									
	Ch.210.7 to 235m		1	24.30	0.90		21.87			
	Road Gap									
	Ch.235 to 259.9m		1	24.90	0.90		22.41			
	Road Gap									
	Ch.259.9 to 271.1m		1	11.20	0.90		10.08			
	Ch.271.1 to 285.4m		1	14.30	0.90		12.87			
	Road Gap									
	Ch.285.4 to 297.6m		1	12.20	0.90		10.98			
	RHS									
	Ch.0 to 13.8m		1	13.80	0.90		12.42			
	Road Gap									
	Ch.13.8 to 38.3m		1	24.50	0.90		22.05			
	Road Gap									
	Ch.38.3 to 63.7m		1	25.40	0.90		22.86			
	Road Gap									
	Ch.63.7 to 89.7m		1	26.00	0.90		23.40			
	Road Gap									
	Ch.89.7 to 119.7m		1	30.00	0.90		27.00			
	Ch.119.7 to 149.7m		1	30.00	0.90		27.00			

18/11/2021

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	Ch.149.7 to 179.7m		1	30.00	0.90		27.00		
	Ch.179.7 to 182.9m		1	3.20	0.90		2.88		
	Ch.182.9 to 191.7m		1	8.80	0.90		7.92		
	Ch.191.7 to 200.5m		1	8.80	0.90		7.92		
	Ch.200.5 to 209.9m		1	9.40	0.90		8.46		
	Ch.209.9 to 219m		1	9.10	0.90		8.19		
	Ch.219 to 237.8m		1	18.80	0.90		16.92		
	Ch.237.8 to 267.8m		1	30.00	0.90		27.00		
	Ch.267.8 to 279.9m		1	12.10	0.90		10.89		
	Ch.279.9 to 283.9m		1	4.00	0.90		3.60		
	Ch.283.9 to 294.4m		1	10.50	0.90		9.45		
	GAP								
	Ch.294.4 to 297.4m		1	3.00	0.90		2.70		
	4th cross road								
	RHS								
	Ch.0 to 30m		1	30.00	0.75		22.50		
	Ch.30 to 33.4m		1	3.40	0.75		2.55		
	LHS								
	Ch.0 to 30m		1	30.00	0.75		22.50		
	Ch.30 to 33.4m		1	3.40	0.75		2.55		
	Road gap								
	Ch.33.4 to 44.8m		1	11.40	0.75		8.55		
	Ch.44.8 to 52.3m		1	7.50	0.75		5.63		
	Ch.52.3to 56.2m		1	3.90	0.75		2.93		
	Ch.56.2 to 58.7m		1	2.50	0.75		1.88		
	Ch.58.7 to 62.7m		1	4.00	0.75		3.00		
	Ch.62.7 to 90.7m		1	28.00	0.75		21.00		
	Ch.90.7 to 100m		1	9.30	0.75		6.98		
	Ch.100 to 109.3m		1	9.30	0.75		6.98		
	3rd cross road								
	RHS								
	Ch.0 to 18.1m		1	18.10	0.75		13.58		
	Ch.18.1 to 21.6m		1	3.50	0.75		2.63		
	Ch.21.6 to 25.3m		1	3.70	0.75		2.78		
	Ch.25.3 to 29.5m		1	4.20	0.75		3.15		
	Ch.29.5 to 34m		1	4.50	0.75		3.38		
	LHS								
	Ch.0 to 30m		1	30.00	0.75		22.50		
	Ch.30 to 34m		1	4.00	0.75		3.00		
	2nd Cross Road								
	RHS								
	Ch.0 to 10m		1	10.00	0.75		7.50		
	Ch.10 to 14.4m		1	4.4	0.75		3.30		
	Ch.14.4 to 34.7m		1	20.30	0.75		15.23		
	LHS								
	Ch.0 to 18.5m		1	18.50	0.75		13.88		
	Ch.18.5 to 34.5m		1	16.00	0.75		12.00		
	1st Cross Road								
	RHS								
	Ch.0 to 9m		1	9.00	0.75		6.75		
	Ch.9 to 18.2m		1	9.20	0.75		6.90		
	Ch.18.2 to 22.1m		1	3.90	0.75		2.93		
	Ch.22.1 to 33.8m		1	11.70	0.75		8.78		
	Road Gap								
	Ch.33.8 to 51.6m		1	17.80	0.75		13.35		

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	Ch.51.6 to 60.2m		1	8.60	0.75		6.45			
	Ch.60.2 to 90.2m		1	30.00	0.75		22.50			
	Ch.90.2 to 97.5m		1	7.30	0.75		5.48			
	Ch.97.5 to 106.9m		1	9.40	0.75		7.05			
	Ch.106.9 to 114.9m		1	8.00	0.75		6.00			
	LHS									
	Ch.0 to 30m		1	30.00	0.75		22.50			
	Ch.30 to 34.3m		1	4.30	0.75		3.23			
	Ch.34.3 to 43.3m		1	9.00	0.75		6.75			
	Ch.43.3 to 49.6m		1	6.30	0.75		4.73			
	Ch.49.6 to 79.6m		1	30.00	0.75		22.50			
	ESCORTS LAYOUT									
	1st Cross road									
	RHS									
	Ch.0 to 10.8m		1	10.80	0.75		8.10			
	Ch.10.8 to 24.3m		1	13.50	0.75		10.13			
	Ch.13.5 to 54.3m		1	30.00	0.75		22.50			
	Ch.54.3 to 58.4m		1	4.10	0.75		3.08			
	LHS									
	Ch.0 to 7.5m		1	7.50	0.75		5.63			
	Ch.7.5 to 37.5m		1	30.00	0.75		22.50			
	Ch.37.5 to 58.2m		1	20.70	0.75		15.53			
	2nd Cross Road									
	RHS									
	Ch.0 to 15m		1	15.00	0.75		11.25			
	Ch.15 to 24.3m		1	9.30	0.75		6.98			
	Ch.24.3 to 42.3m		1	18.00	0.75		13.50			
	Ch.42.3 to 56.3m		1	14.00	0.75		10.50			
	LHS									
	Ch.0 to 18m		1	18.00	0.75		13.50			
	Ch.18 to 27.2m		1	9.20	0.75		6.90			
	Ch.27.2 to 56.3m		1	29.10	0.75		21.83			
	3rd Cross Road									
	RHS									
	Ch.0 to 8.6m		1	8.60	0.75		6.45			
	Ch.8.6 to 26.1m		1	17.50	0.75		13.13			
	Ch.26.1 to 34.4m		1	8.30	0.75		6.23			
	Ch.34.4 to 43.7m		1	9.30	0.75		6.98			
	Ch.43.7 to 54.4m		1	10.70	0.75		8.03			
	LHS									
	Ch.0 to 10.7m		1	10.7	0.75		8.03			
	Ch.10.7 to 16.7		1	16.70	0.75		12.53			
	Ch.16.7 to 25.7m		1	9.00	0.75		6.75			
	Ch.25.7 to 34.8m		1	9.10	0.75		6.83			
	Ch.34.8 to 53.8m		1	19.00	0.75		14.25			
	SRIGANDHA LAYOUT									
	3rd cross road									
	LHS									
	Ch.0 to 24.3m		1	24.30	0.75		18.23			
	Ch.24.3 to 35.7m		1	11.40	0.75		8.55			
	Ch.35.7 to 52.2m		1	16.50	0.75		12.38			
	Ch.52.1 to 54.1m		1	1.90	0.75		1.43			
	Ch.54.1 to 84.1m		1	30.00	0.75		22.50			
	Ch.84.1 to 114.1m		1	30.00	0.75		22.50			
	Ch.114.1 to 119.1m		1	5.00	0.75		3.75			

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Karnataka Material Test House Pvt. Ltd. Bangalore

	Ch.119.1 to 121.6m		1	2.50	0.75		1.88		
	Ch.121.6 to 124.1m		1	2.50	0.75		1.88		
	RHS								
	Ch.0.00 to 23.3m		1	23.30	0.75		17.48		
	Ch.23.3 to 31.3m		1	8.00	0.75		6.00		
	Ch.31.3 to 45.3m		1	14.00	0.75		10.50		
	Ch.45.3 to 70m		1	24.70	0.75		18.53		
	Ch.70 to 83.1m		1	13.10	0.75		9.83		
	Ch.83.1 to 113.1m		1	30.00	0.75		22.50		
	Ch.113.1 to 114.9m		1	1.80	0.75		1.35		
	2nd Cross Road								
	LHS From Main Road								
	Ch.0.00 to 25.6m		1	25.60	0.75		19.20		
	Ch.25.6 to 55.0m		1	30.00	0.75		22.50		
	Ch.55.0 to 63.5m		1	8.50	0.75		6.38		
	RHS								
	Ch.0 to 30m		1	30.00	0.75		22.50		
	Ch.30 to 46m		1	16.00	0.75		12.00		
	Ch.46 to 63.6m		1	17.60	0.75		13.20		
	1st Cross Road								
	LHS								
	Ch.0 to 30m		1	30.00	0.75		22.50		
	Ch.30 to 58m		1	28.00	0.75		21.00		
	Ch.58 to 79.5m		1	21.50	0.75		16.13		
	Ch.79.5 to 100.2m		1	20.70	0.75		15.53		
	Ch.100.2 to 122.7m		1	22.50	0.75		16.88		
	Ch.122.7 to 131.7m		1	9.00	0.75		6.75		
	Ch.131.7 to 133.2m		1	1.5	0.75		1.13		
	RHS								
	Ch.0.00 to 30m		1	30.00	0.75		22.50		
	Ch.30 to 54m		1	24.00	0.75		18.00		
	Ch.54 to 60.3m		1	6.30	0.75		4.73		
	Ch.60.3m to 68.6		1	8.30	0.75		6.23		
	Ch.68.6 to 98.6m		1	30.00	0.75		22.50		
	Ch.98.6 to 128.6m		1	30.00	0.75		22.50		
	Ch.128.6 to 138.4m		1	9.80	0.75		7.35		
	Ch.138.4 to 147.8m		1	9.40	0.75		7.05		
	1st 'A' Cross Road								
	Ch.0.00 to 30.0m		1	30.00	0.75		22.50		
	Ch.30.0 to 60.0m		1	30.00	0.75		22.50		
	Ch.60.0 to 90.0m		1	30.00	0.75		22.50		
	Ch.90.0 to 120.0m		1	30.00	0.75		22.50		
	Ch.120.0 to 150.0m		1	30.00	0.75		22.50		
	Ch.150.0 to 152.0m		1	2.00	0.75		1.50		
	RALLIS COLONY								
	5th 'A' Main Road								
	LHS From Main Road								
	Ch.0 to 10.1m		1	10.10	0.90		9.09		
	Ch.10.1 to 13.2m		1	3.10	0.90		2.79		
	Ch.13.2 to 19.6m		1	6.40	0.90		5.76		
	Ch.19.6 to 29.3m		1	9.70	0.90		8.73		
	Ch.29.3 to 38.7m		1	9.40	0.90		8.46		
	Ch.38.7 to 47.5m		1	8.80	0.90		7.92		
	Ch.47.5 to 66.0m		1	18.50	0.90		16.65		
	Ch.66.0 to 71.2m		1	5.20	0.90		4.68		

	Ch.0.00 to 30.0m		1	30.00	0.75		22.50			
	Ch.30.0 to 60.0m		1	30.00	0.75		22.50			
	Ch.60.0 to 69.1m		1	9.10	0.75		6.83			
	Ch.69.1 to 92.1m		1	23.00	0.75		17.25			
	Ch.92.1 to 101.1m		1	9.00	0.75		6.75			
	Ch.101.1 to 106.0m		1	4.90	0.75		3.68			
	Ch.106.0 to 127.6m		1	21.60	0.75		16.20			
	Ch.127.6 to 133.1m		1	5.50	0.75		4.13			
	Ch.133.1 to 137.0m		1	3.90	0.75		2.93			
	Ch.137.0 to 151.4m		1	14.40	0.75		10.80			
	Ch.151.4 to 173.7m		1	22.30	0.75		16.73			
	Road Gap		1	0.00	0.75		0.00			
	Ch.173.7 to 192.7m		1	19.00	0.75		14.25			
	Ch.192.7 to 219.8m		1	27.10	0.75		20.33			
	Ch.219.8 to 228.6m		1	8.80	0.75		6.60			
	Ch.228.6 to 239.1m		1	10.50	0.75		7.88			
	Road Gap		1	0.00	0.75		0.00			
	Ch.239.1 to 260.1m		1	21.00	0.75		15.75			
	Ch.260.1 to 290.1m		1	30.00	0.75		22.50			
	Ch.290.1 to 298.9m		1	8.80	0.75		6.60			
	Ch.298.9 to 308.2m		1	9.30	0.75		6.98			
	Ch.308.2 to 327.2m		1	19.00	0.75		14.25			
	Ch.327.2 to 329.2m		1	2.00	0.75		1.50			
	6th Cross Road									
	LHS From Main Road									
	Ch.0.00 to 24.0m		1	24.00	0.90		21.60			
	Road Gap									
	Ch.24.0 to 50.0m		1	26.00	0.90		23.40			
	RHS									
	Ch.0.0 to 18.7m		1	18.70	0.90		16.83			
	Ch.18.7 to 27.8m		1	9.10	0.90		8.19			
	Ch.27.8 to 30.3m		1	2.50	0.90		2.25			
	Ch.30.3 to 32.8m		1	2.50	0.90		2.25			
	Ch.32.8 to 37.1m		1	4.30	0.90		3.87			
	Ch.37.1 to 55.2m		1	18.10	0.90		16.29			
	6th 'A' Cross Road									
	LHS From 6th Cross									
	Ch.0.0 to 30.0m		1	30.00	0.90		27.00			
	Ch.30.0 to 34.8m		1	4.80	0.90		4.32			
	Ch.34.8 to 46.4m		1	11.60	0.90		10.44			
	Ch.46.4 to 55.6m		1	9.20	0.90		8.28			
	Ch.55.6 to 64.9m		1	9.30	0.90		8.37			
	RHS									
	Ch.0.00 to 30.0m		1	30.00	0.75		22.50			
	Ch.30.0 to 60.0m		1	30.00	0.75		22.50			
	Ch.60.0 to 64.4m		1	4.40	0.75		3.30			
	6th 'B' Cross Road									
	RHS From 4th 'A' Cross									
	Ch.0.00 to 11.4m		1	11.40	0.75		8.55			
	Ch.11.4 to 22.8m		1	11.40	0.75		8.55			
	Ch.22.8 to 52.8m		1	30.00	0.75		22.50			
	Ch.52.8 to 55.2m		1	2.40	0.75		1.80			
	Ch.55.2 to 69.4m		1	14.20	0.75		10.65			
	Ch.69.4 to 75.6m		1	6.20	0.75		4.65			
	Ch.75.6 to 91.4m		1	15.80	0.75		11.85			

19/9/2022

19/9/2022

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	Ch.284.2 to 307.2m		1	23.00	0.90		20.70			
	Ch.307.2 to 315.9m		1	8.70	0.90		7.83			
	Ch.315.9 to 324.0m		1	8.10	0.90		7.29			
						Present Qty	4389.14	Sqm	2462.70	10765143.63

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 01-09-2021

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements									
19	Constructionof Granular sub-base Grading-V sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ Trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with									
	Chitra Layout									
	1st Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.60.0 to 90.0m	1	2	30.00	0.80	0.15	7.20			
	Ch.90.0 to 120.m	1	2	30.00	0.60	0.15	5.40			
	Ch.120.0 to 150.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.150.0 to 180.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.180.0 to 210.0m	1	2	20.00	1.00	0.15	6.00			
	2nd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.90.0 to 120.m	1	2	30.00	1.20	0.15	10.80			
	Ch.120.0 to 150.0m	1	2	30.00	0.85	0.15	7.65			
	Ch.150.0 to 180.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.180.0 to 197.0m	1	2	17.00	0.90	0.15	4.59			
	3rd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00	0.15	9.00			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.90.0 to 120.m	1	2	30.00	0.80	0.15	7.20			
	Ch.120.0 to 148.0m	1	2	28.00	0.80	0.15	6.72			
	4th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.60.0 to 80.0m	1	2	20.00	0.80	0.15	4.80			
	5th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00	0.15	9.00			
	Ch.30.0 to 60.0m	1	2	30.00	1.00	0.15	9.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.15	8.10			
	Ch.90.0 to 120.m	1	2	30.00	0.90	0.15	8.10			
	Ch.120.0 to 148.0m	1	2	28.00	0.85	0.15	7.14			
	6th Cross Road									
	Ch.0.00 to 30.0m	1	1	30.00	0.90	0.15	4.05			
	Ch.30.0 to 60.0m	1	1	30.00	0.80	0.15	3.60			
	Ch.60.0 to 90.0m	1	2	30.00	0.80	0.15	7.20			
	Ch.90.0 to 103.0m	1	2	13.00	0.80	0.15	3.12			
	1st Main Road									
	Ch.0.00 to 30.0m	1	1	30.00	5.70	0.15	25.65			
	Ch.30.0 to 60.0m	1	1	30.00	5.70	0.15	25.65			
	Ch.60.0 to 90.0m	1	1	30.00	5.70	0.15	25.65			
	Ch.90.0 to 120.m	1	1	30.00	5.70	0.15	25.65			
	Ch.120.0 to 150.0m	1	1	30.00	5.70	0.15	25.65			
	Ch.150.0 to 160.0m	1	1	10.00	5.70	0.15	8.55			

Ch.30.0 to 58.0m		1	28.00	5.90	0.15	24.78			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.80	0.15	26.10			
Ch.30.0 to 59.0m		1	29.00	6.00	0.15	26.10			
Main Road									
Ch.0.00 to 21.70m		1	21.70	5.30	0.15	17.25			
Ch.21.70 to 51.7m		1	30.00	5.80	0.15	26.10			
Ch.51.7 to 81.7m		1	30.00	5.70	0.15	25.65			
Ch.81.7 to 111.7m		1	30.00	5.80	0.15	26.10			
Ch.111.7 to 129.6m		1	17.90	5.70	0.15	15.30			
2nd Main 1st Cross Road									
Ch.00.0 to 30.0m		1	30.00	5.20	0.15	23.40			
Ch.30.0 to 60.0m		1	30.00	5.40	0.15	24.30			
Ch.60.0 to 90.0m		1	30.00	5.20	0.15	23.40			
Ch.90.0 to 98.0m		1	8.00	5.10	0.15	6.12			
Chandrappa Layout									
2nd Main Road									
Ch.0.00 to 30.0m		1	30.00	7.80	0.15	35.10			
Ch.30.0 to 60.0m		1	30.00	7.90	0.15	35.55			
Ch.60.0 to 90.0m		1	30.00	7.80	0.15	35.10			
Ch.90.0 to 120.0m		1	30.00	7.85	0.15	35.33			
Ch.120.0 to 150.0m		1	30.00	8.00	0.15	36.00			
Ch.150.0 to 180.0m		1	30.00	7.90	0.15	35.55			
Ch.180.0 to 210.0m		1	30.00	7.85	0.15	35.33			
Ch.210.0 to 216.5m		1	6.50	7.80	0.15	7.61			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.40	0.15	19.80			
Ch.30.0 to 60.0m		1	30.00	4.65	0.15	20.93			
Ch.60.0 to 70.0m		1	10.00	4.60	0.15	6.90			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.50	0.15	20.25			
Ch.30.0 to 60.0m		1	30.00	4.60	0.15	20.70			
Ch.60.0 to 90.0m		1	30.00	4.60	0.15	20.70			
Ch.90.0 to 100.0m		1	10.00	4.50	0.15	6.75			
3rd Cross Road									
Ch.00.0 to 30.0m		1	30.00	4.50	0.15	20.25			
Ch.30.0 to 50.0m		1	20.00	4.65	0.15	13.95			
					Present Qty	**2119.81**	**Cum**	**2093.67**	**4438174.23**

Contractor

PMC

Assistant Engineer

Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 13-09-2021

Item No	Detailed Measurements Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
20	KSRRB M400-17. Providing ,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix Macadam specifications including pre mixing materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base / base course on well									
	Chitra Layout									
	1st Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.28	15.12			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.28	15.12			
	Ch.60.0 to 90.0m	1	2	30.00	0.80	0.28	13.44			
	Ch.90.0 to 120.m	1	2	30.00	0.60	0.28	10.08			
	Ch.120.0 to 150.0m	1	2	30.00	0.90	0.28	15.12			
	Ch.150.0 to 180.0m	1	2	30.00	0.90	0.28	15.12			
	Ch.180.0 to 210.0m	1	2	20.00	1.00	0.28	11.20			
	2nd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.90.0 to 120.m	1	2	30.00	1.20	0.23	16.56			
	Ch.120.0 to 150.0m	1	2	30.00	0.85	0.23	11.73			
	Ch.150.0 to 180.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.180.0 to 197.0m	1	2	17.00	0.90	0.23	7.04			
	3rd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00	0.23	13.80			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.28	15.12			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.90.0 to 120.m	1	2	30.00	0.80	0.36	17.28			
	Ch.120.0 to 148.0m	1	2	28.00	0.80	0.32	14.34			
	4th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.60.0 to 80.0m	1	2	20.00	0.80	0.23	7.36			
	5th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00	0.3	18.00			
	Ch.30.0 to 60.0m	1	2	30.00	1.00	0.3	18.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.90.0 to 120.m	1	2	30.00	0.90	0.26	14.04			
	Ch.120.0 to 148.0m	1	2	28.00	0.85	0.23	10.95			
	6th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.23	12.42			
	Ch.30.0 to 60.0m	1	2	30.00	0.80	0.23	11.04			
	Ch.60.0 to 90.0m	1	2	30.00	0.80	0.3	14.40			
	Ch.90.0 to 103.0m	1	2	13.00	0.80	0.23	4.78			
	1st Main Road									
	Ch.0.00 to 30.0m	1	1	30.00	5.70	0.23	39.33			
	Ch.30.0 to 60.0m	1	1	30.00	5.70	0.23	39.33			
	Ch.60.0 to 90.0m	1	1	30.00	5.70	0.23	39.33			
	Ch.90.0 to 120.m	1	1	30.00	5.70	0.3	51.30			
	Ch.120.0 to 150.0m	1	1	30.00	5.70	0.3	51.30			
	Ch.150.0 to 160.0m	1	1	10.00	5.70	0.23	13.11			
	Muneshawara Layout									
	4th Cross Road									

Ch.150.0 to 180.0m		1	30.00	7.90	0.35	82.95			
Ch.180.0 to 210.0m		1	30.00	7.85	0.42	98.91			
Ch.210.0 to 216.5m		1	6.50	7.80	0.23	11.66			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.40	0.23	30.36			
Ch.30.0 to 60.0m		1	30.00	4.65	0.23	32.09			
Ch.60.0 to 70.0m		1	10.00	4.60	0.23	10.58			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.50	0.23	31.05			
Ch.30.0 to 60.0m		1	30.00	4.60	0.23	31.74			
Ch.60.0 to 90.0m		1	30.00	4.60	0.32	44.16			
Ch.90.0 to 100.0m		1	10.00	4.50	0.23	10.35			
3rd Cross Road									
Ch.00.0 to 30.0m		1	30.00	4.50	0.23	31.05			
Ch.30.0 to 50.0m		1	20.00	4.65	0.23	21.39			
Cross Road									
ch 0.00 to 30m		1	30.00	5.80	0.23	40.02			
ch 30 to 35.3m		1	5.30	5.60	0.23	6.83			
					Present Qty	**4516.77**	**Cum**	**2100.34**	**9486760.05**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 22-10-2021

Item No	Detailed Measurements Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work.									
	Chitra Layout									
	1st Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90		54.00			
	Ch.30.0 to 60.0m	1	2	30.00	0.90		54.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.80		48.00			
	Ch.90.0 to 120.m	1	2	30.00	0.60		36.00			
	Ch.120.0 to 150.0m	1	2	30.00	0.90		54.00			
	Ch.150.0 to 180.0m	1	2	30.00	0.90		54.00			
	Ch.180.0 to 210.0m	1	2	20.00	1.00		40.00			
	2nd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90		54.00			
	Ch.30.0 to 60.0m	1	2	30.00	0.90		54.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.90		54.00			
	Ch.90.0 to 120.m	1	2	30.00	1.20		72.00			
	Ch.120.0 to 150.0m	1	2	30.00	0.85		51.00			
	Ch.150.0 to 180.0m	1	2	30.00	0.90		54.00			
	Ch.180.0 to 197.0m	1	2	17.00	0.90		30.60			
	3rd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00		60.00			
	Ch.30.0 to 60.0m	1	2	30.00	0.90		54.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.90		54.00			
	Ch.90.0 to 120.m	1	2	30.00	0.80		48.00			
	Ch.120.0 to 148.0m	1	2	28.00	0.80		44.80			
	4th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90		54.00			
	Ch.30.0 to 60.0m	1	2	30.00	0.90		54.00			
	Ch.60.0 to 80.0m	1	2	20.00	0.80		32.00			
	5th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00		60.00			
	Ch.30.0 to 60.0m	1	2	30.00	1.00		60.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.90		54.00			
	Ch.90.0 to 120.m	1	2	30.00	0.90		54.00			
	Ch.120.0 to 148.0m	1	2	28.00	0.85		47.60			
	6th Cross Road									
	Ch.0.00 to 30.0m	1	1	30.00	0.90		27.00			
	Ch.30.0 to 60.0m	1	1	30.00	0.80		24.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.80		48.00			
	Ch.90.0 to 103.0m	1	2	13.00	0.80		20.80			
	1st Main Road									
	Ch.0.00 to 30.0m	1	1	30.00	5.70		171.00			
	Ch.30.0 to 60.0m	1	1	30.00	5.70		171.00			
	Ch.60.0 to 90.0m	1	1	30.00	5.70		171.00			
	Ch.90.0 to 120.m	1	1	30.00	5.70		171.00			
	Ch.120.0 to 150.0m	1	1	30.00	5.70		171.00			
	Ch.150.0 to 160.0m	1	1	10.00	5.70		57.00			
	Muneshawara Layout									
	4th Cross Road									

Ch.150.0 to 180.0m		1	30.00	7.90		237.00			
Ch.180.0 to 210.0m		1	30.00	7.85		235.50			
Ch.210.0 to 216.5m		1	6.50	7.80		50.70			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.40		132.00			
Ch.30.0 to 60.0m		1	30.00	4.65		139.50			
Ch.60.0 to 70.0m		1	10.00	4.60		46.00			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.50		135.00			
Ch.30.0 to 60.0m		1	30.00	4.60		138.00			
Ch.60.0 to 90.0m		1	30.00	4.60		138.00			
Ch.90.0 to 100.0m		1	10.00	4.50		45.00			
3rd Cross Road									
Ch.00.0 to 30.0m		1	30.00	4.50		135.00			
Ch.30.0 to 50.0m		1	20.00	4.65		93.00			
Cross Road									
ch 0.00 to 30m		1	30.00	5.80		174.00			
ch 30 to 35.3m		1	5.30	5.60		29.68			
					Present Qty	**19613.52**	**Sqm**	**31.15**	**610961.15**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 27-10-2021

Item No	Detailed Measurements Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 4.5 % VG-30 Bitumen.									
	Chitra Layout									
	1st Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.60.0 to 90.0m	1	2	30.00	0.80	0.05	2.40			
	Ch.90.0 to 120.m	1	2	30.00	0.60	0.05	1.80			
	Ch.120.0 to 150.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.150.0 to 180.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.180.0 to 210.0m	1	2	20.00	1.00	0.05	2.00			
	2nd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.90.0 to 120.m	1	2	30.00	1.20	0.05	3.60			
	Ch.120.0 to 150.0m	1	2	30.00	0.85	0.05	2.55			
	Ch.150.0 to 180.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.180.0 to 197.0m	1	2	17.00	0.90	0.05	1.53			
	3rd Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00	0.05	3.00			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.90.0 to 120.m	1	2	30.00	0.80	0.05	2.40			
	Ch.120.0 to 148.0m	1	2	28.00	0.80	0.05	2.24			
	4th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.30.0 to 60.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.60.0 to 80.0m	1	2	20.00	0.80	0.05	1.60			
	5th Cross Road									
	Ch.0.00 to 30.0m	1	2	30.00	1.00	0.05	3.00			
	Ch.30.0 to 60.0m	1	2	30.00	1.00	0.05	3.00			
	Ch.60.0 to 90.0m	1	2	30.00	0.90	0.05	2.70			
	Ch.90.0 to 120.m	1	2	30.00	0.90	0.05	2.70			
	Ch.120.0 to 148.0m	1	2	28.00	0.85	0.05	2.38			
	6th Cross Road									
	Ch.0.00 to 30.0m	1	1	30.00	0.90	0.05	1.35			
	Ch.30.0 to 60.0m	1	1	30.00	0.80	0.05	1.20			
	Ch.60.0 to 90.0m	1	2	30.00	0.80	0.05	2.40			
	Ch.90.0 to 103.0m	1	2	13.00	0.80	0.05	1.04			
	Profile Correction 20%	1	0.2	1752.00		0.05	17.52			
	1st Main Road									
	Ch.0.00 to 30.0m	1	1	30.00	5.70	0.05	8.55			
	Ch.30.0 to 60.0m	1	1	30.00	5.70	0.05	8.55			
	Ch.60.0 to 90.0m	1	1	30.00	5.70	0.05	8.55			
	Ch.90.0 to 120.m	1	1	30.00	5.70	0.05	8.55			
	Ch.120.0 to 150.0m	1	1	30.00	5.70	0.05	8.55			

2nd Main Road									
Ch.0.00 to 30.0m		1	30.00	7.80	0.05	11.70			
Ch.30.0 to 60.0m		1	30.00	7.90	0.05	11.85			
Ch.60.0 to 90.0m		1	30.00	7.80	0.05	11.70			
Ch.90.0 to 120.0m		1	30.00	7.85	0.05	11.78			
Ch.120.0 to 150.0m		1	30.00	8.00	0.05	12.00			
Ch.150.0 to 180.0m		1	30.00	7.90	0.05	11.85			
Ch.180.0 to 210.0m		1	30.00	7.85	0.05	11.78			
Ch.210.0 to 216.5m		1	6.50	7.80	0.05	2.54			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.40	0.05	6.60			
Ch.30.0 to 60.0m		1	30.00	4.65	0.05	6.98			
Ch.60.0 to 70.0m		1	10.00	4.60	0.05	2.30			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.50	0.05	6.75			
Ch.30.0 to 60.0m		1	30.00	4.60	0.05	6.90			
Ch.60.0 to 90.0m		1	30.00	4.30	0.05	6.45			
Ch.90.0 to 100.0m		1	10.00	4.30	0.05	2.15			
3rd Cross Road									
Ch.00.0 to 30.0m		1	30.00	4.30	0.05	6.45			
Ch.30.0 to 50.0m		1	20.00	4.30	0.05	4.30			
Cross Road									
ch 0.00 to 30m		1	30.00	4.00	0.05	6.00			
ch 30 to 35.3m		1	5.30	4.00	0.05	1.06			
					Present Qty	**1114.15**	**Cum**	**6724.88**	**7492521.69**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Measurement : 27-10-2021

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements									
25	providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminious binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and o.43% of plastomeric thermoplastic(waste plastic) crushed aggregates of specified grading pre mixxed with bituminous binder and filler, transporting the hot mix to the work site, laying with a paver finisher to the require grade, level and allignment and rolling with the smooth wheeled, vibratory and tandom rollers to achieve the desired compaction in all respect complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. KPWD S.R 2018-19 It No. 21.78.12 Pg No. 171									
	Chitra Layout									
	1st Cross Road									
	Ch.0.00 to 30.0m		1	30.00	5.70	0.04	6.84			
	Ch.30.0 to 60.0m		1	30.00	5.70	0.04	6.84			
	Ch.60.0 to 90.0m		1	30.00	5.70	0.04	6.84			
	Ch.90.0 to 120.m		1	30.00	5.70	0.04	6.84			
	Ch.120.0 to 150.0m		1	30.00	5.70	0.04	6.84			
	Ch.150.0 to 180.0m		1	30.00	4.50	0.04	5.40			
	Ch.180.0 to 210.0m		1	20.00	4.50	0.04	3.60			
	2nd Cross Road									
	Ch.0.00 to 30.0m		1	30.00	5.10	0.04	6.12			
	Ch.30.0 to 60.0m		1	30.00	5.10	0.04	6.12			
	Ch.60.0 to 90.0m		1	30.00	5.10	0.04	6.12			
	Ch.90.0 to 120.m		1	30.00	5.10	0.04	6.12			
	Ch.120.0 to 150.0m		1	30.00	5.10	0.04	6.12			
	Ch.150.0 to 180.0m		1	30.00	5.10	0.04	6.12			
	Ch.180.0 to 197.0m		1	17.00	5.10	0.04	3.47			
	3rd Cross Road									
	Ch.0.00 to 30.0m		1	30.00	5.40	0.04	6.48			
	Ch.30.0 to 60.0m		1	30.00	5.40	0.04	6.48			
	Ch.60.0 to 90.0m		1	30.00	5.40	0.04	6.48			
	Ch.90.0 to 120.m		1	30.00	5.40	0.04	6.48			
	Ch.120.0 to 148.0m		1	28.00	5.40	0.04	6.05			
	4th Cross Road									
	Ch.0.00 to 30.0m		1	30.00	5.00	0.04	6.00			
	Ch.30.0 to 60.0m		1	30.00	5.50	0.04	6.60			
	Ch.60.0 to 80.0m		1	20.00	5.50	0.04	4.40			
	5th Cross Road									
	Ch.0.00 to 30.0m		1	30.00	5.60	0.04	6.72			
	Ch.30.0 to 60.0m		1	30.00	5.60	0.04	6.72			
	Ch.60.0 to 90.0m		1	30.00	5.60	0.04	6.72			
	Ch.90.0 to 120.m		1	30.00	4.50	0.04	5.40			
	Ch.120.0 to 148.0m		1	28.00	4.50	0.04	5.04			
	6th Cross Road									
	Ch.0.00 to 30.0m		1	30.00	5.40	0.04	6.48			
	Ch.30.0 to 60.0m		1	30.00	5.40	0.04	6.48			
	Ch.60.0 to 90.0m		1	30.00	5.40	0.04	6.48			
	Ch.90.0 to 103.0m		1	13.00	5.40	0.04	2.81			
	1st Main Road									
	Ch.0.00 to 30.0m		1	30.00	5.70	0.04	6.84			
	Ch.30.0 to 60.0m		1	30.00	5.70	0.04	6.84			
	Ch.60.0 to 90.0m		1	30.00	5.70	0.04	6.84			
	Ch.90.0 to 120.m		1	30.00	5.70	0.04	6.84			

Ch.120.0 to 150.0m		1	30.00	5.70	0.04	6.84			
Ch.150.0 to 160.0m		1	10.00	5.70	0.04	2.28			
Muneshawara Layout									
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.50	0.04	5.40			
Ch.30.0 to 36.80m		1	6.80	4.50	0.04	1.22			
5th Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.50	0.04	5.40			
Ch.30.0 to 39.50m		1	9.50	4.50	0.04	1.71			
6th Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.00	0.04	6.00			
Ch.30.0 to 59.10m		1	29.10	5.00	0.04	5.82			
7th Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.60	0.04	5.52			
Ch.30.0 to 38.80m		1	8.80	4.60	0.04	1.62			
Srigandha Layout									
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.20	0.04	5.04			
Ch.30.0 to 60.0m		1	30.00	4.20	0.04	5.04			
Ch.60.0 to 80.0m		1	20.00	4.80	0.04	3.84			
2nd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.00	0.04	6.00			
Ch.30.0 to 60.0m		1	30.00	5.00	0.04	6.00			
Ch.60.0 to 63.5m		1	3.50	5.00	0.04	0.70			
3rd Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.80	0.04	5.76			
Ch.30.0 to 60.0m		1	30.00	4.80	0.04	5.76			
Ch.60.0 to 63.5m		1	19.00	4.80	0.04	3.65			
Cross Road									
Ch.0.00 to 30.0m		1	30.00	6.20	0.04	7.44			
Ch.30.0 to 59.0m		1	29.00	5.50	0.04	6.38			
Cross Road 2									
Ch.0.00 to 30.0m		1	30.00	5.00	0.04	6.00			
Ch.30.0 to 60.0m		1	30.00	5.00	0.04	6.00			
Ch.60.0 to 90.0m		1	30.00	5.00	0.04	6.00			
Ch.90.0 to 120.m		1	30.00	5.00	0.04	6.00			
Ch.120.0 to 150.0m		1	30.00	5.00	0.04	6.00			
Ch.150.0 to 162.0m		1	12.00	5.00	0.04	2.40			
CQAL Layout									
1st Cross Road									
Ch.0.00 to 27.0m			27.00	4.50	0.04	4.86			
2nd Cross Road									
Ch.0.00 to 29.30m		1	29.30	5.60	0.04	6.56			
3rd Cross Road									
Ch.0.00 to 30.0m		1	30.00	5.60	0.04	6.72			
Ch.30.0 to 34.0m		1	4.00	5.60	0.04	0.90			
4th Cross Road									
Ch.0.00 to 30.0m		1	30.00	8.00	0.04	9.60			
Ch.30.0 to 35.10m		1	5.10	8.00	0.04	1.63			
Road Gap			0.00						
Ch.35.10 to 65.10m		1	30.00	8.20	0.04	9.84			
Ch.65.10 to 95.10m		1	30.00	8.20	0.04	9.84			
Ch.95.10 to 99.10m		1	4.00	8.20	0.04	1.31			
5th Cross Road									
Ch.0.00 to 30.00m		1	30.00	5.10	0.04	6.12			
Rallis Layout									
5th Main Road									
Ch.0.00 to 30.0m		1	30.00	6.20	0.04	7.44			

Ch.90.0 to 98.0m		1	8.00	5.10	0.04	1.63			
Chandrappa Layout									
2nd Main Road									
Ch.0.00 to 30.0m		1	30.00	7.80	0.04	9.36			
Ch.30.0 to 60.0m		1	30.00	7.90	0.04	9.48			
Ch.60.0 to 90.0m		1	30.00	7.80	0.04	9.36			
Ch.90.0 to 120.0m		1	30.00	7.85	0.04	9.42			
Ch.120.0 to 150.0m		1	30.00	8.00	0.04	9.60			
Ch.150.0 to 180.0m		1	30.00	7.90	0.04	9.48			
Ch.180.0 to 210.0m		1	30.00	7.85	0.04	9.42			
Ch.210.0 to 216.5m		1	6.50	7.80	0.04	2.03			
1st Cross Road									
Ch.0.00 to 30.0m		1	30.00	4.40	0.04	5.28			
Ch.30.0 to 60.0m		1	30.00	4.65	0.04	5.58			
Ch.60.0 to 70.0m		1	10.00	4.60	0.04	1.84			
2nd Cross Road						0.00			
Ch.0.00 to 30.0m		1	30.00	4.50	0.04	5.40			
Ch.30.0 to 60.0m		1	30.00	4.60	0.04	5.52			
Ch.60.0 to 90.0m		1	30.00	4.60	0.04	5.52			
Ch.90.0 to 100.0m		1	10.00	4.50	0.04	1.80			
3rd Cross Road						0.00			
Ch.00.0 to 30.0m		1	30.00	4.50	0.04	5.40			
Ch.30.0 to 50.0m		1	20.00	4.65	0.04	3.72			
Cross Road									
ch 0.00 to 30m		1	30.00	5.80	0.04	6.96			
ch 30 to 35.3m		1	5.30	5.60	0.04	1.19			
					Present Qty	**1086.91**	**Sqm**	**7910.77**	**8598257.05**

Contractor

PMC

Assistant Engineer

Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 01-11-2021

Item No	Detailed Measurements Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
26	KSRRB M800-13. Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous/ concrete surface. providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectrising glass beads at 250gms/ Sqm area, thickness of 2.5mm is exclusive of surfsce applied glass beads as per IRC: 35 standards specified the finished surface to be levell uniform and free from streaks and holes complete as per speciationd MORTH specification No.803 KPWD S.R 2018-19 It No. 24.15 Pg No. 182									
	Chitra Layout									
	Edge Line									
	1st Cross Road									
	Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
	Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
	Ch.60.0 to 90.0m		2	30.00	0.10		6.00			
	Ch.90.0 to 120.m		2	30.00	0.10		6.00			
	Ch.120.0 to 150.0m		2	30.00	0.10		6.00			
	Ch.150.0 to 180.0m		2	30.00	0.10		6.00			
	Ch.180.0 to 210.0m		2	20.00	0.10		4.00			
	2nd Cross Road									
	Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
	Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
	Ch.60.0 to 90.0m		2	30.00	0.10		6.00			
	Ch.90.0 to 120.m		2	30.00	0.10		6.00			
	Ch.120.0 to 150.0m		2	30.00	0.10		6.00			
	Ch.150.0 to 180.0m		2	30.00	0.10		6.00			
	Ch.180.0 to 197.0m		2	17.00	0.10		3.40			
	3rd Cross Road									
	Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
	Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
	Ch.60.0 to 90.0m		2	30.00	0.10		6.00			
	Ch.90.0 to 120.m		2	30.00	0.10		6.00			
	Ch.120.0 to 148.0m		2	28.00	0.10		5.60			
	4th Cross Road									
	Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
	Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
	Ch.60.0 to 80.0m		2	20.00	0.10		4.00			
	5th Cross Road									
	Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
	Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
	Ch.60.0 to 90.0m		2	30.00	0.10		6.00			
	Ch.90.0 to 120.m		2	30.00	0.10		6.00			
	Ch.120.0 to 148.0m		2	28.00	0.10		5.60			
	6th Cross Road									
	Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
	Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
	Ch.60.0 to 90.0m		2	30.00	0.10		6.00			
	Ch.90.0 to 103.0m		2	13.00	0.10		2.60			
	1st Main Road									
	Ch.0.00 to 30.0m		2	30.00	0.10		6.00			
	Ch.30.0 to 60.0m		2	30.00	0.10		6.00			
	Ch.60.0 to 90.0m		2	30.00	0.10		6.00			

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 08-11-2021

Item No	Detailed Measurements Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
27	KSRRB M800-35. Supply and installation of molded shank raised pavment markers made up of poly carbonate and ABS (acrylonitrile Butadiene styrene) molded body and reflective pannels with microprismatic lens capable of providing total internal reflection of the light entering the lense face and shall support load of 16000 KG tested in accordance to specifications of catagory A of MORTH circular No. RW/NH/33023/10-97 - DO III Dt 11.06.1997. the height width and length shall not exceed 50mm, 100mm and 102mm and with minimum reflective area of 13Sqcm on each side and the slope to the base shall be 35o the strength of detachment of the intergated cylindrical shanks (of diameter not less than 19mm and height not less than 30mm) from the body is to be a minimum value of 500KG. fixing will be by drilling hole on the road for the shanks to go inside, with out nails and using Epoxy resin based adhesive as per manufacuter recommendations and complete as directed by the engineer KPWD S.R 2018-19 It No. 24.41 Pg No. 187									
	Chitra Layout									
	1st Cross Road									
	Ch.0.00 to 30.0m		3.0	4			13			
	Ch.30.0 to 60.0m		3.0	4			13			
	Ch.60.0 to 90.0m		3.0	4			13			
	Ch.90.0 to 120.m		3.0	4			13			
	Ch.120.0 to 150.0m		3.0	4			13			
	Ch.150.0 to 180.0m		3.0	4			13			
	Ch.180.0 to 210.0m		3.0	3			9			
	2nd Cross Road									
	Ch.0.00 to 30.0m		3.0	4			13			
	Ch.30.0 to 60.0m		3.0	4			13			
	Ch.60.0 to 90.0m		3.0	4			13			
	Ch.90.0 to 120.m		3.0	4			13			
	Ch.120.0 to 150.0m		3.0	4			13			
	Ch.150.0 to 180.0m		3.0	4			13			
	Ch.180.0 to 197.0m		3.0	2			7			
	3rd Cross Road									
	Ch.0.00 to 30.0m		3.0	4			13			
	Ch.30.0 to 60.0m		3.0	4			13			
	Ch.60.0 to 90.0m		3.0	4			13			
	Ch.90.0 to 120.m		3.0	4			13			
	Ch.120.0 to 148.0m		3.0	4			12			
	4th Cross Road									
	Ch.0.00 to 30.0m		3.0	4			13			
	Ch.30.0 to 60.0m		3.0	4			13			
	Ch.60.0 to 80.0m		3.0	3			9			
	5th Cross Road									
	Ch.0.00 to 30.0m		3.0	4			13			
	Ch.30.0 to 60.0m		3.0	4			13			
	Ch.60.0 to 90.0m		3.0	4			13			
	Ch.90.0 to 120.m		3.0	4			13			
	Ch.120.0 to 148.0m		3.0	4			12			
	6th Cross Road									
	Ch.0.00 to 30.0m		3.0	4			13			
	Ch.30.0 to 60.0m		3.0	4			13			
	Ch.60.0 to 90.0m		3.0	4			13			
	Ch.90.0 to 103.0m		3.0	2			6			
	1st Main Road									
	Ch.0.00 to 30.0m		3.0	4			13			

	Ch.60.0 to 70.0m		2.0	1			3			
	2nd Cross Road									
	Ch.0.00 to 30.0m		2.0	4			9			
	Ch.30.0 to 60.0m		2.0	4			9			
	Ch.60.0 to 90.0m		2.0	4			9			
	Ch.90.0 to 100.0m		2.0	1			3			
	3rd Cross Road									
	Ch.00.0 to 30.0m		2.0	4			9			
	Ch.30.0 to 50.0m		2.0	3			6			
						Present Qty	1597.04	Sqm	374.90	598731.38

Contractor PMC Assistant Engineer Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 08-11-2021

Item No	Detailed Measurements Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
28	KSRRB M200/24 Dismantelling of cement concrete pavement by mechanical means using pneumatic tools breaking into pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantelled materials stacking servicable and unservicable materials saparately complete as per specifications.								
	Mastivenkatesh ayengar park surrounding								
	4th Main 4th Cross Road								
			1	30.40	5.60	0.28	47.67		
			1	22.90	7.00	0.28	44.88		
			1	9.90	6.80	0.28	18.85		
			1	13.20	4.00	0.28	14.78		
			1	13.6	4.50	0.28	17.14		
			1	16.3	3.80	0.28	17.34		
			1	9.9	3.80	0.28	10.53		
			1	21.9	3.60	0.28	22.08		
			1	20.7	4.10	0.28	23.76		
			1	7.9	5.50	0.28	12.17		
			1	20	4.00	0.28	22.40		
			1	37.5	4.10	0.28	43.05		
			1	20	3.30	0.28	18.48		
			1	19.4	3.10	0.28	16.84		
			1	31.3	4.10	0.28	35.93		
			1	8	3.00	0.28	6.72		
	4th Phase Near Mosque								
			1	30.0	4.60	0.28	38.64		
			1	27.5	4.60	0.28	35.42		
			1	30.0	4.90	0.28	41.16		
			1	2.0	4.90	0.28	2.74		
			1	30.0	4.30	0.28	36.12		
			1	32.8	4.30	0.28	39.49		
	Near ICICI Atm 4th Phase Yelahanka								
			1	30.0	5.90	0.25	44.25		
			1	16.0	5.90	0.25	23.60		
	Cross Road Next to ICICI Atm 4th Phase Yelahanka								
			1	30.0	5.50	0.25	41.25		
			1	30.0	5.50	0.25	41.25		
			1	10.0	5.50	0.25	13.75		
	A.P.J Abdul kalam park surrounding								
			1	28.3	6.00	0.25	42.45		
			1	30.0	7.00	0.25	52.50		
			1	0.3	7.00	0.25	0.53		
			1	27.3	4.00	0.25	27.30		
			1	30.0	5.00	0.25	37.50		
			1	7.6	5.00	0.25	9.50		
			1	30.0	5.30	0.25	39.75		
			1	17.1	5.30	0.25	22.66		
			1	30.0	5.60	0.25	42.00		

Anupam Das Nilaya & Surrounding LIG 301, SFS 707 4th Phase		1	14.4	5.60	0.25	20.16		
		1	30.0	3.50	0.25	26.25		
		1	30.0	6.80	0.25	51.00		
		1	30.0	6.80	0.25	51.00		
		1	18.0	6.80	0.25	30.60		
		1	10.0	4.80	0.25	12.00		
		1	30.0	5.10	0.25	38.25		
		1	10.4	5.10	0.25	13.26		
		1	8.3	3.70	0.25	7.68		
		1	30.0	6.00	0.25	45.00		
		1	6.7	6.00	0.25	10.05		
		1	27.5	4.30	0.25	29.56		
		1	17.0	5.00	0.25	21.25		
SangolliRayana Park and Surrounding								
		1	30.0	5.00	0.25	37.50		
		1	24.4	5.00	0.25	30.50		
		1	27.4	4.10	0.25	28.09		
		1	30.0	7.15	0.25	53.63		
		1	3.0	7.15	0.25	5.36		
		1	30.0	5.70	0.25	42.75		
		1	4.0	5.70	0.25	5.70		
		1	30.0	7.40	0.25	55.50		
		1	5.3	7.40	0.25	9.81		
		1	27.7	4.40	0.25	30.47		
Near MIG-A								
		1	30.0	4.30	0.25	32.25		
		1	24.0	4.30	0.25	25.80		
		1	19.0	5.00	0.25	23.75		
		1	30.0	4.10	0.25	30.75		
		1	30.0	4.50	0.25	33.75		
		1	30.0	4.40	0.25	33.00		
		1	30.0	4.50	0.25	33.75		
		1	30.0	4.30	0.25	32.25		
		1	30.0	4.30	0.25	32.25		
		1	29.0	4.50	0.25	32.63		
					Present Qty	1970.01	1021.60	2012566.51

Contractor

PMC

Assistant Engineer

Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Pre-Measurement : 08-11-2021

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
	Detailed Measurements								
29	Providing and Constructing dry lean cement concrete mix CC1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregates at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregatesconforming to IS: 383-2016, aggregates gradation after blending to be as per table 600-1 optimum moisture content to be determined during trial length construction concrete strength not to be less tham 10Mpa at 7 days mixed in a batch mixer plant transportated to site, laid with a paver, compacting with 8-10 tonnes vibratory roller								
	Mastivenkatesh ayengar park surrounding								
	4th Main 4th Cross Road								
			1	30.40	5.60	0.15	25.54		
			1	22.90	7.00	0.15	24.05		
			1	9.90	6.80	0.15	10.10		
			1	13.20	4.00	0.15	7.92		
			1	13.6	4.50	0.15	9.18		
			1	16.3	3.80	0.15	9.29		
			1	9.9	3.80	0.15	5.64		
			1	21.9	3.60	0.15	11.83		
			1	20.7	4.10	0.15	12.73		
			1	7.9	5.50	0.15	6.52		
			1	20	4.00	0.15	12.00		
			1	37.5	4.10	0.15	23.06		
			1	20	3.30	0.15	9.90		
			1	19.4	3.10	0.15	9.02		
			1	31.3	4.10	0.15	19.25		
			1	8	3.00	0.15	3.60		
	4th Phase Near Mosque								
			1	30.0	4.60	0.15	20.70		
			1	27.5	4.60	0.15	18.98		
			1	30.0	4.90	0.15	22.05		
			1	2.0	4.90	0.15	1.47		
			1	30.0	4.30	0.15	19.35		
			1	32.8	4.30	0.15	21.16		
	Near ICICI Atm 4th Phase Yelahanka								
			1	30.0	5.90	0.15	26.55		
			1	16.0	5.90	0.15	14.16		
	Cross Road Next to ICICI Atm 4th Phase Yelahanka								
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	18.0	5.50	0.15	14.85		
	A.P.J Abdul kalam park surrounding								
			1	28.3	6.00	0.15	25.47		
			1	30.0	7.00	0.15	31.50		
			1	0.3	7.00	0.15	0.32		
			1	27.3	4.00	0.15	16.38		
			1	30.0	5.00	0.15	22.50		
			1	7.6	5.00	0.15	5.70		

	1	30.0	5.30	0.15	23.85		
	1	17.1	5.30	0.15	13.59		
	1	30.0	5.60	0.15	25.20		
	1	14.4	5.60	0.15	12.10		
Anupam Das Nilaya & Surrounding LIG 301, SFS 707 4th Phase							
	1	30.0	3.50	0.15	15.75		
	1	30.0	6.80	0.15	30.60		
	1	30.0	6.80	0.15	30.60		
	1	18.0	6.80	0.15	18.36		
	1	10.0	4.80	0.15	7.20		
	1	30.0	5.10	0.15	22.95		
	1	10.4	5.10	0.15	7.96		
	1	8.3	3.70	0.15	4.61		
	1	30.0	6.00	0.15	27.00		
	1	6.7	6.00	0.15	6.03		
	1	27.5	4.30	0.15	17.74		
	1	17.0	5.00	0.15	12.75		
SangolliRayana Park and Surrounding							
	1	30.0	5.00	0.15	22.50		
	1	24.4	5.00	0.15	18.30		
	1	27.4	4.10	0.15	16.85		
	1	30.0	7.15	0.15	32.18		
	1	3.0	7.15	0.15	3.22		
	1	30.0	5.70	0.15	25.65		
	1	4.0	5.70	0.15	3.42		
	1	30.0	7.40	0.15	33.30		
	1	5.3	7.40	0.15	5.88		
	1	27.7	4.40	0.15	18.28		
Near MIG-A							
	1	30.0	4.30	0.15	19.35		
	1	24.0	4.30	0.15	15.48		
	1	19.0	5.00	0.15	14.25		
	1	30.0	4.10	0.15	18.45		
	1	30.0	4.50	0.15	20.25		
	1	30.0	4.40	0.15	19.80		
	1	30.0	4.50	0.15	20.25		
	1	30.0	4.30	0.15	19.35		
	1	30.0	4.30	0.15	19.35		
	1	29.0	4.50	0.15	19.58		
				Present Qty	**1226.46**	**3988.20**	**4891367.77**

Contractor

PMC

Assistant Engineer

Asst, Executive Engineer

Name of work:Comprehensive Developments of Roads and Drains in Sai Nagara Phase-1 and 2 yelahanka 208,407,707 SFS, Attur Village and chitra layout in Attur ward no- 03 in yelahanka division (package-02)

Date of Measurement : 11-11-2021

Item No	Detailed Measurements Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
30	Constructing Un-reinforced plain cement concrete for pavements using grade concrete M30 over a prepared base with OPC coarse aggregates at 0.69Cum fine aggregates at 0.46cum coarse and fine aggregates conforming to IS: 383-2016, with superplastisizer at 3 its conforming to IS: 9103-2008 mixed in a concrete mixer of not less than 0.6cum capacity and appropriate weight batcher as per approved mix design laid in approved fixed side form work and spreading the concrete with shovels, rackers compacted using needles screed and plate vibrator and finished with floaters in a contineous operation including provision of contraction and cover the surface by gunny bags for curing.								
	Mastivenkatesh ayengar park surrounding								
	4th Main 4th Cross Road								
			1	30.40	5.60	0.15	25.54		
			1	22.90	7.00	0.15	24.05		
			1	9.90	6.80	0.15	10.10		
			1	13.20	4.00	0.15	7.92		
			1	13.6	4.50	0.15	9.18		
			1	16.3	3.80	0.15	9.29		
			1	9.9	3.80	0.15	5.64		
			1	21.9	3.60	0.15	11.83		
			1	20.7	4.10	0.15	12.73		
			1	7.9	5.50	0.15	6.52		
			1	20	4.00	0.15	12.00		
			1	37.5	4.10	0.15	23.06		
			1	20	3.30	0.15	9.90		
			1	19.4	3.10	0.15	9.02		
			1	31.3	4.10	0.15	19.25		
			1	8	3.00	0.15	3.60		
	4th Phase Near Mosque								
			1	30.0	4.60	0.15	20.70		
			1	27.5	4.60	0.15	18.98		
			1	30.0	4.90	0.15	22.05		
			1	2.0	4.90	0.15	1.47		
			1	30.0	4.30	0.15	19.35		
			1	32.8	4.30	0.15	21.16		
	Near ICICI Atm 4th Phase Yelahanka								
			1	30.0	5.90	0.15	26.55		
			1	16.0	5.90	0.15	14.16		
	Cross Road Next to ICICI Atm 4th Phase Yelahanka								
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	30.0	5.50	0.15	24.75		
			1	18.0	5.50	0.15	14.85		
	A.P.J Abdul kalam park surrounding								
			1	28.3	6.00	0.15	25.47		
			1	30.0	7.00	0.15	31.50		
			1	0.3	7.00	0.15	0.32		
			1	27.3	4.00	0.15	16.38		
			1	30.0	5.00	0.15	22.50		
			1	7.6	5.00	0.15	5.70		

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	1	30.0	5.30	0.15	23.85		
	1	17.1	5.30	0.15	13.59		
	1	30.0	5.60	0.15	25.20		
	1	14.4	5.60	0.15	12.10		
Anupam Das Nilaya & Surrounding LIG 301, SFS 707 4th Phase							
	1	30.0	3.50	0.15	15.75		
	1	30.0	6.80	0.15	30.60		
	1	30.0	6.80	0.15	30.60		
	1	18.0	6.80	0.15	18.36		
	1	10.0	4.80	0.15	7.20		
	1	30.0	5.10	0.15	22.95		
	1	10.4	5.10	0.15	7.96		
	1	8.3	3.70	0.15	4.61		
	1	30.0	6.00	0.15	27.00		
	1	6.7	6.00	0.15	6.03		
	1	27.5	4.30	0.15	17.74		
	1	17.0	5.00	0.15	12.75		
SangolliRayana Park and Surrounding							
	1	30.0	5.00	0.15	22.50		
	1	24.4	5.00	0.15	18.30		
	1	27.4	4.10	0.15	16.85		
	1	30.0	7.15	0.15	32.18		
	1	3.0	7.15	0.15	3.22		
	1	30.0	5.70	0.15	25.65		
	1	4.0	5.70	0.15	3.42		
	1	30.0	7.40	0.15	33.30		
	1	5.3	7.40	0.15	5.88		
	1	27.7	4.40	0.15	18.28		
Near MIG-A							
	1	30.0	4.30	0.15	19.35		
	1	24.0	4.30	0.15	15.48		
	1	19.0	5.00	0.15	14.25		
	1	30.0	4.10	0.15	18.45		
	1	30.0	4.50	0.15	20.25		
	1	30.0	4.40	0.15	19.80		
	1	30.0	4.50	0.15	20.25		
	1	30.0	4.30	0.15	19.35		
	1	30.0	4.30	0.15	19.35		
	1	29.0	4.50	0.15	19.58		
					Present Qty	**1226.46**	**5468.90**	**6707387.09**
							Total Construction Cost	**87396333.24**
							12% GST	**10487559.99**
							Total Amount	**97883894.00**

Contractor

PMC

Assistant Engineer

Asst, Executive Engineer